

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier listings and all earlier versions.

1. - 60. (Canceled)

61. (Currently Amended) A display apparatus comprising:

a plurality of column wirings each connected to a respective set of display devices;

at least one row wiring connected to said display devices; and

a respective pulse width modulator provided for each column wiring for outputting, for each column wiring, a modulation signal having a pulse width determined according to a luminance signal that is to be displayed by a respective one of said display devices,

wherein each pulse width modulator comprises a correction circuit that (1) receives as an input a luminance signal that is to be displayed by said display device corresponding to said column wiring adjacent to the column wiring to which that pulse width modulator supplies the modulation signal, (2) compares the luminance signal received as an input with the luminance signal to be displayed by the display device corresponding to said column wiring to which said pulse width modulator supplies the modulation signal, and (3) corrects the modulation signal to be supplied from the pulse width modulator based on the comparing result, such as to suppress an effect or a

luminance of said display devices supplied with the modulation signal from the pulse width modulator due to waveform modulation of the modulation signal supplied from the pulse modulation by a level change of the modulation signal supplied to the adjacent column wiring.

62. (Previously Presented) A display apparatus according to claim 61, wherein said display devices each comprise an electron-emitting device.

63. (Previously Presented) A display apparatus according to claim 61, wherein said pulse width modulators each supply a constant current for driving a respective one of said display devices.

64. (Previously Presented) A display apparatus according to claim 61, wherein

said luminance signal inputted is smaller than the other luminance signal to be displayed by said display device corresponding to said column wiring to which said pulse width modulator supplies the modulation signal, and

when the modulation signal based on the luminance signal is turned off prior to the modulation signal based on the other modulation signal, the modulation signal based on the luminance signal is corrected to have a longer pulse width.

65. (Previously Presented) A display apparatus according to claim 61,
wherein

said luminance signal inputted is smaller than the other luminance
signal to be displayed by said display device corresponding to said column wiring to which
said pulse width modulator supplies the modulation signal, and

when modulation signal based on the luminance signal is turned off
following to the modulation signal based on the other modulation signal, the modulation
signal based on the luminance signal is corrected to have a shorter pulse width.

DI
Cont

66. (Currently Amended) A display apparatus comprising:
a plurality of column wirings each connected to a respective set of
display devices;

at least one row wiring connected to said display devices;

a respective pulse width modulator provided for each column wiring
for outputting, for each column wiring, a modulation signal having a pulse width
determined according to be displayed by a respective one of said display devices; and

a column driver connected to said column wiring,

wherein each pulse width modulator comprises a correction circuit
that (1) receives as an input a modulation signal to be supplied to said column wiring
adjacent to the other column wiring to which said pulse width modulator supplies the
modulation signal, and, when the modulation signal inputted has different pulse width ~~the~~
~~other luminance signal~~ from the pulse width of the modulation signal to be supplied from

the pulse width modulator, based on the difference, (2) corrects the modulation signal to be supplied from the pulse width modulator, thereby to suppress an effect or a luminance of said display devices supplied with the modulation signal from the pulse width modulator due to waveform modulation of the modulation signal supplied from the pulse modulation by a level change of the modulation signal supplied to the adjacent column wiring.

67. (Previously Presented) A display apparatus according to claim 66, wherein each of said display devices comprises an electron-emitting device.

DI
mod
68. (Previously Presented) A display apparatus according to claim 66, wherein said pulse width modulators each supply a constant current for driving a respective one of said display devices.

69. (Previously Presented) A display apparatus according to claim 66, wherein when said modulation signal is turned off prior to the modulation signal based on the luminance signal, the modulation signal is adjusted to have a longer pulse width.

70. (Previously Presented) A display apparatus according to claim 66, wherein when the modulation signal is turned on following to the modulation signal based on the luminance signal, the modulation signal is adjusted to have a shorter pulse width.
